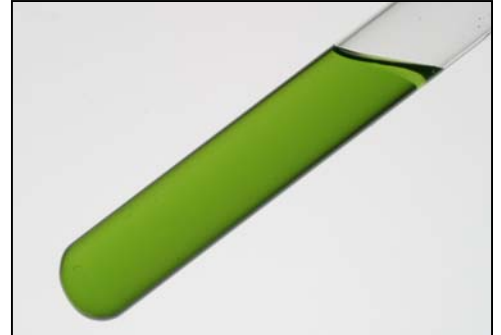


Omega 917 Seal Saver

OMEGA 917 is a new type of lubricant designed to lubricate, protect, and prolong the life of all types of seals.

Seals on pumps, mining machinery, marine motors, construction equipment, hydraulic systems and automotive transmissions are not made to last forever. The conditions under which a piece of equipment is operated and the condition of the seal, when originally installed, determine the life of the seal. Every maintenance engineer knows that deterioration of seals is a major cause of equipment malfunction, resulting in costly machinery downtime. It is not uncommon for seals, due to ageing, to start deteriorating even before they are installed. Due to their composition, seals must be lubricated consistently and constantly to prevent drying.

When seals dry out (shrink and crystallize), they become ineffective. When this ageing process occurs, they chip and crack, allowing severe loss of fluid.



ECONOMY MAINTENANCE:

OMEGA 917 Seal Saver is a tremendous money-saving aid in preventive maintenance. When OMEGA 917 is added to a leaking transmission, it quickly stops the leak. When applied to any unit containing good seals, it will keep these from deteriorating in the future.

Once a seal has chipped or cracked, replacement is the only remedy. A cracked seal results in the loss of 2 or more quarts of fluid every week. A defective seal can eventually cause irreparable damage to the entire transmission or unit. Replacing a seal is a big job. The transmission must be completely removed and disassembled and this is a costly procedure.

SPECIAL FEATURES:

OMEGA 917 contains no harmful chlorides or solvents while most transmission additives on the market today do, and these cause far more harm than good.



One of the jobs of the transmission additive is to soften the seals to restore their pliability. Solvents will do this -but solvent additives make the seals too soft. When solvent additives are used, the seal cannot stand the pressure which builds up in the unit. This is why seals "Blow".

Chlorinated additives attack rubber and soon cause irreparable damage. Moisture such as condense, when combined with the chlorides, causes chemical reactions to take place, resulting in the formation of acid. The acid attacks the metal as well as the seals and this accounts for the leaks and corrosion found in transmissions.



OMEGA 917 not only restores seals to their original rigid structure but also enables them to stay pliable enough to fulfill their function.

In the past, most engineers, mechanics and transmission men did not believe in the use of transmission or seal additives for two basic reasons:

1. Solvent additives overdo the softening job.

2. Chloride additives ruin the rubber and corrode the metal.

Therefore, ordinary types of transmission additives should not be used. Solvent-based transmission additives remove the varnish from the transmission walls and this varnish penetrates, gums up and clogs working parts, apertures and channels through which the fluid must circulate to do its job. The gums created by these ordinary transmission additives cause a lot more harm than good.

NO HARMFUL INGREDIENTS:

OMEGA 917 is a totally different type of product. It is a completely new type of product developed by OMEGA scientists. It contains no harmful chlorides, solvents or any harmful ingredient.

The following is a comparison between 4 of the world's best-selling seal conditioners and OMEGA 917.

	Product 1	Product 2	Product 3	Product 4	OMEGA 917
Composition					
Petroleum	61%	59%	100%	50%	0%
Chlorinated Hydrocarbon	39%	38%	0%	37%	0%
Synthetic Oil	0%	3%	0%	13%	0%

OMEGA 917 is made from 99% PURE phosphate ester and 1% non-chlorine and non-petroleum synergistic elements.

The application of OMEGA 917 will positively stop a leaking automatic transmission in less than 160 km (100 miles) of driving, or within one week.

UNIQUE PROPERTIES & BENEFITS:

1. When added to power steering units, will stop squeals.
2. When added to mining equipment, construction equipment and any equipment having seals, will prolong the life of the equipment by conditioning the seals and keeping them trouble-free.
3. Seals permanently when used as directed.
4. Will not burn or support combustion.
5. Is completely non-toxic and causes no problem with fumes.

6. Is odorless.
7. Is economical. Needs to be applied only once every 16,000 km (10,000 miles), or during each transmission oil change.
8. A little goes a long way -just use 180 ml. (6 ounces) per standard size automatic transmission filling.
9. Is harmless. If spilled on clothing or body, merely wash off with water.
10. Is a concentrate. 180 ml. (6 ounces) of OMEGA 917 is equivalent to 700 ml. (24 ounces) of any other transmission sealing product.
11. Will not cause acid formation.
12. Will not affect the viscosity of transmission fluids.
13. Acts as a lubricant.
14. Will not affect clutch plate linings.
15. Has high temperature pressure stability.
16. Improves the swelling of all transmission fluids.
17. Is manufactured under strict laboratory control and is thoroughly tested to high standards of guaranteed purity, uniformity, performance and quality.

HOW TO USE:

OMEGA 917 Seal Saver stops oil leakage due to seal shrinkage in hydraulic systems, automatic transmissions, and power steering units.

- Use 180 ml per standard size automatic transmission to stop oil leakage.
- 60 ml per standard size power steering unit to stop oil leakage and squealing.
- For hydraulic systems, use 1% for seal conditioning and 3% maximum to stop leakage.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

1801, Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel: (852) 2577 5187 Fax: (852) 2577 3190
E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

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MATERIAL SAFETY DATA SHEET

DATE 01-Aug-14

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code Omega 917

Company Identification

Omega Manufacturing Division,
Magna Industrial Co. Limited,
1801, Guardian House,
32 Oi Kwan Road,
Wanchai, Hong Kong.

Distributor

Alshawi Trading,
Block 351, Road 51, Bldg 20, Manama - Bahrain.
www.alshawitrading.com
info@alshawitrading.com
P.O.Box 33526

Telephone (852) 25775187
Fax (852) 25773190

Telephone (973) 1755 0019
Fax (973) 1755 5108

SECTION 2 - HAZARDS IDENTIFICATION

Not classified as hazardous.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Wt.%</u>	<u>Classification</u>
Ester	-	60-100	-

SECTION 4 - FIRST-AID MEASURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash thoroughly with soap and water. Obtain medical attention in case of skin irritation or other cause for concern.

Inhalation: Move patient to open air.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

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SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Water fog, alcohol foam, carbon dioxide, dry chemical.

Special Protective Equipment for Fire Fighters: Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Dense smoke. Carbon dioxide, carbon monoxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Transfer bulk of material into another container. Absorb remaining residue with proper absorbents such as sand, vermiculite. Sweep up and dispose of in accordance with local and national regulations.

SECTION 7 - HANDLING AND STORAGE

Keep containers closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse. Keep away from feed and food products.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Ether

Not established

Eye Protection: Safety goggles and full-face shield

Hand Protection: Rubber or plastic oil resistant gloves.

Ventilation: Use under well ventilated conditions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown

Odour: Faint odour

pH: N.A.

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Specific Gravity: >1.01
Vapour Pressure: N.A.
Boiling Point: N.A.
Melting Point: N.A.
Flash Point: above 245°C
Flammability: N.A.
Evaporation Rate: N.A.
Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Stable under normal condition.

Materials to Avoid: Strong oxidizing agents.

Toxic compounds may form on thermal decomposition. Hazardous combustion products: carbon monoxide, carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

There is no lethal dose information available.

Inhalation: No toxic effects are known to be associated with inhalation of this material.

Skin: Repeated and/or prolonged contact may cause irritation.

Eyes: May cause irritation.

Ingestion: Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. May be harmful if swallowed.

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available at present.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all local and national regulations regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

UN Number : Not regulated

IATA Class : Not regulated, Packing Group: Not regulated

IMDG Class : Not regulated, Packing Group: Not regulated

Not considered hazardous for transport purpose.

SECTION 15 - REGULATORY INFORMATION

-

SECTION 16 - OTHER INFORMATION

R-Phrases: -

S-Phrases: -

Remarks: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.